

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kevin G. Hetzler, et al.

Title: DRAW RESONANT RESISTANT MULTILAYER FILMS

Application No.: NEW APPLICATION Filed: HERewith

Atty. Docket No.: 1035-O4334

MS PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

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Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO/SB/08A and/or PTO/SB/08B  
☐ Other: n/a

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

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Elise K. Dougherty  
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- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.

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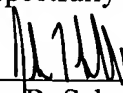
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- ☒ within three months of the filing date of a national application or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.
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Should any PTO fees be necessary for entry of this Information Disclosure Statement, the undersigned hereby authorizes the Commissioner to charge Deposit Account 50-2469.

2.20.04  
\_\_\_\_\_  
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Respectfully submitted,

  
\_\_\_\_\_  
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
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Application Number	NEW APPLICATION
Filing Date	HEREWITH
First Named Inventor	Kevin G. Hetzler
Art Unit	
Examiner Name	
Attorney Docket Number	1035-O4334

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of

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AAA	A. Ghijssels, et al., "Draw Resonance Studies on Polypropylene Melts", INTERNATIONAL CONGRESS ON RHEOLOGY, 8th, 1980, Ed. by G. Astarita, pp. 15-24.	
	BBB	J. Flanagan, "Better die Design and Equipment Enhance the Cast Film Process", MODERN PLASTICS INTERNATIONAL, February 1993, pp. 35-37.	
	CCC	E.H. Roberts, et al., "Draw Resonance Reduction in Melt Embossing and Extrusion Coating Resins", ADVANCES IN POLYMER TECHNOLOGY, Vol. 6, No. 1, pp. 65-71 (1986).	
	DDD	H. Kometani, et al., "Development of Wide and High-Speed Nonoriented Film Production Lines", MITSUBISHI HEAVY INDUSTRIES, LTD., Technical Review, Vol. 38, No. 1, Feb. 2001.	
	EEE		
	FFF		
	GGG		
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	III		
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**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	BA	US- 2001/0051256 A1	12/13/2001	Silagy, et al.	
	BB	US- 2002/0061398 A1	05/23/2002	Heffner, et al.	
	BC	US- 2002/0068175 A1	06/06/2002	Strassel	
	BD	US- 2002/0074691 A1	06/20/2002	Mortellite, et al.	
	BE	US- 2002/0150763 A1	10/17/2002	Silagy, et al.	
	BF	US- 2003/0041952 A1	03/06/2003	Mortellite, et al.	
	BG	US- 2003/0114595 A1	06/19/2003	Van Dun, et al.	
	BH	US- 2003/0145938 A1	08/07/2003	Mortellite, et al.	
	BI	US- 5,242,976	09/07/1993	Strassel, et al.	
	BJ	US- 5,395,471	03/07/1995	Objeski, et al.	
	AK	US- 6,143,415	11/07/2000	Lorek, et al.	
	AL	US- 6,436,495	08/20/2002	Tsukamoto, et al.	
	AM	US- 6,436,533	08/20/2002	Heffner, et al.	
	AN	US- 6,444,311 B1	09/03/2002	Friedman, et al.	
	AO	US- 6,583,222 B1	06/24/2003	Chaudbary, et al.	
	AP	US- 6,593,005 B2	07/15/2003	Tau, et al.	
	AQ	US- 4,859,379	08/22/1989	Chiang	
	AR	US-			
	AS	US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
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	BA	C. Pattamaprom, et al., "Analysis of Extensional Viscosity Techniques for the Characterization of Fluoropolymer", ANTEC 2002.	
	BB	M.H. Wagner, "Rheotens-Mastercurves and Drawability of Polymer Melts", POLYMER ENGINEERING AND SCIENCE, mid-April 1996, Vol. 36, No. 7., pp. 925-935.	
	BC	J.S. Lee, et al., "Meltspinning Dynamic of Phan-Thien Tanner Fluids", KOREA-AUSTRALIA RHEOLOGY JOURNAL, June 2000, Vol. 12, No. 2, pp. 119-124.	
	BD	T. Matsumoto, et al., "Draw Resonance Involving Rheological Transitions", POLYMER ENGINEERING AND SCIENCE, May, 1978, Vol. 18, No. 7, pp. 564-571.	
	BE	J.C. Hyun, "Theory of Draw Resonance", AICHE JOURNAL, May 1978, Vol. 24, No. 3, pp. 418-422.	
	BF	J.C. Hyun, "Part II. Power Law and Maxwell Fluids", AICHE JOURNAL, May 1978, Vol. 24, No. 3, pp. 423-426.	
	BG	S. Goyal, "The Influence of Polymer Structure on Melt Strength Behavior of PE Resins", PLASTICS ENGINEERING, February 1995, pp. 25-28.	
	BH	E. M. Phillips, et al., "High Performance Polypropylene Extrusion Coating Resins", JOURNAL OF COATED FABRICS, Vol. 19, January 1990, pp. 155-168.	
	BI	K.K. Dohrer, et al., "Resistance to Draw Resonance of Linear Low Density Polyethylene Through Improved Resin Design", ANTEC '89, MAY 1-3, PP. 177-183, 1989.	
	BJ	P.J. Lucchesi, et al., "Reducing Draw Resonance in LLDPE Film Resins", PLASTICS ENGINEERING, May 1985, pp. 87-90.	>

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